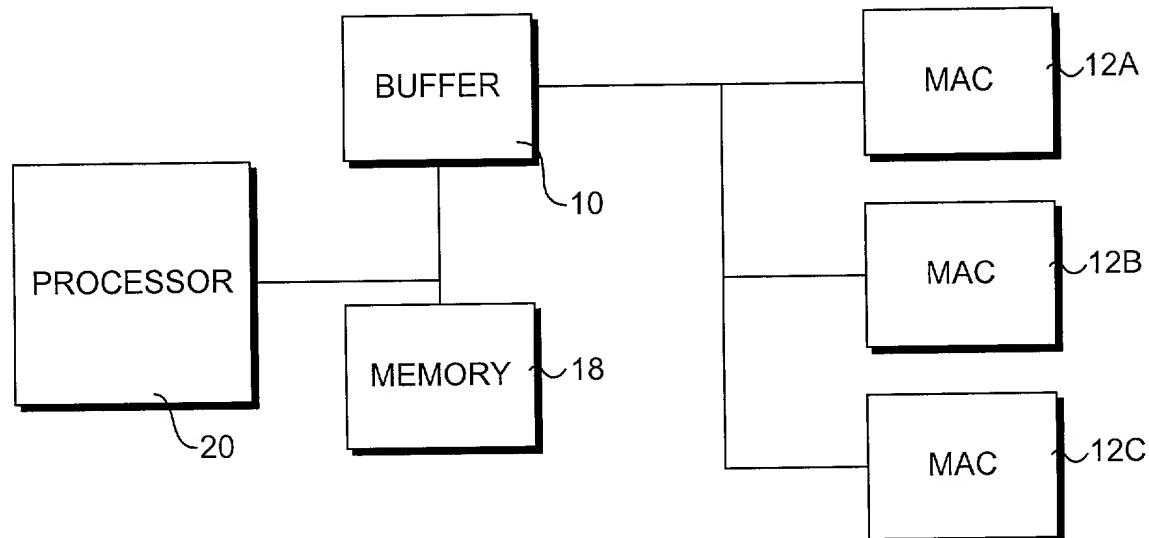
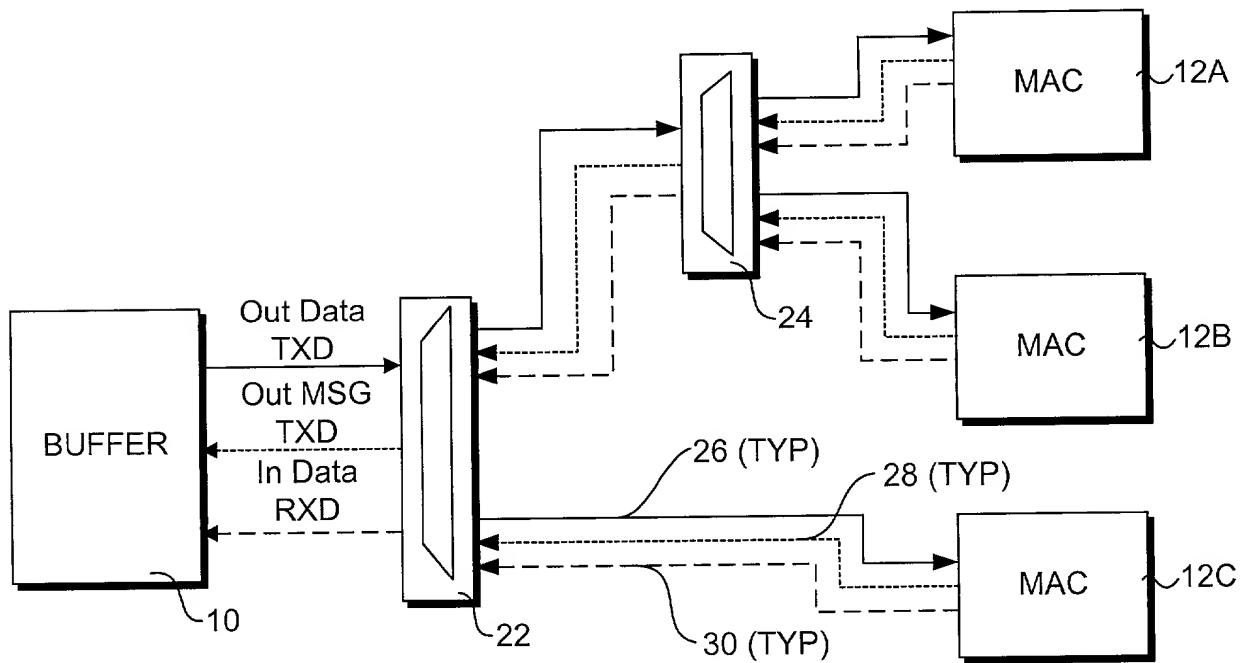


**FIG. 1**

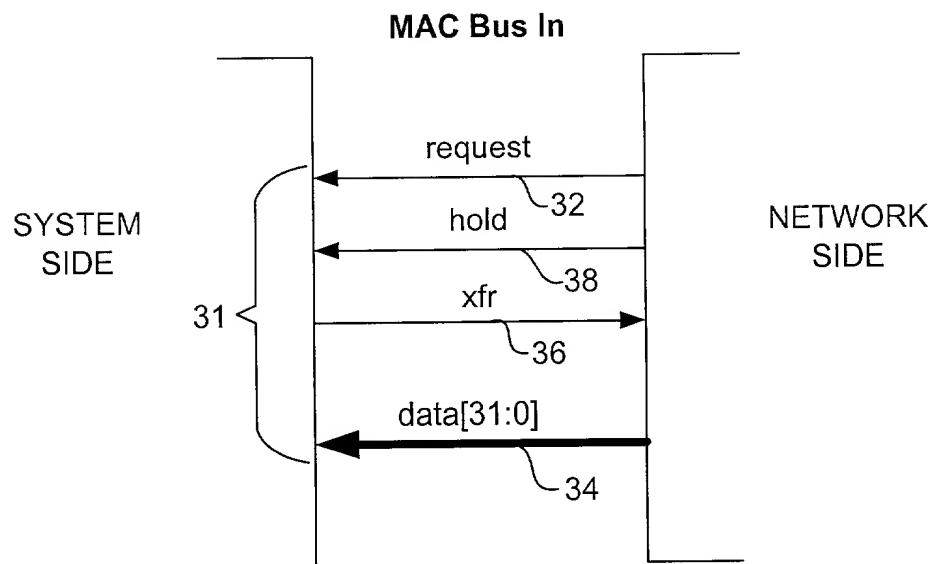


**FIG. 2**

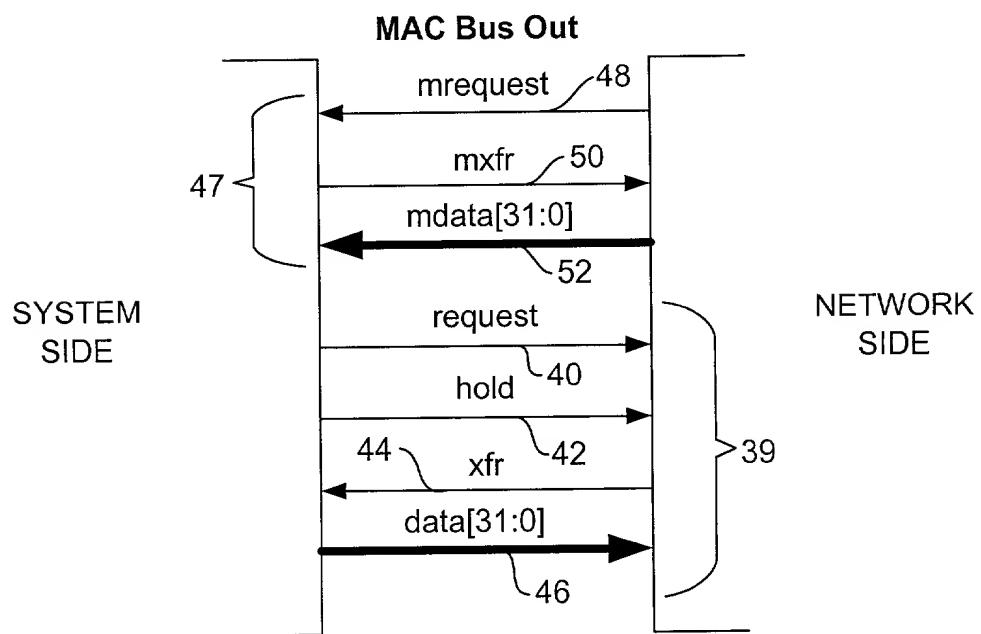


**FIG. 3**

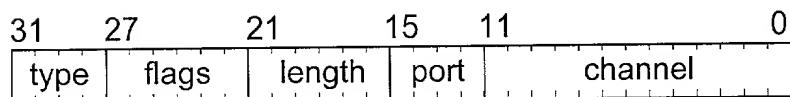
**FIG. 4**



**FIG. 5**

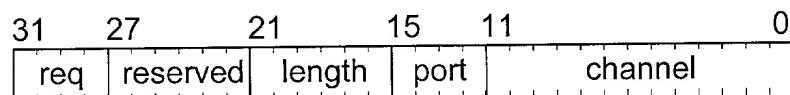


**DATA PACKET HEADER WORD**



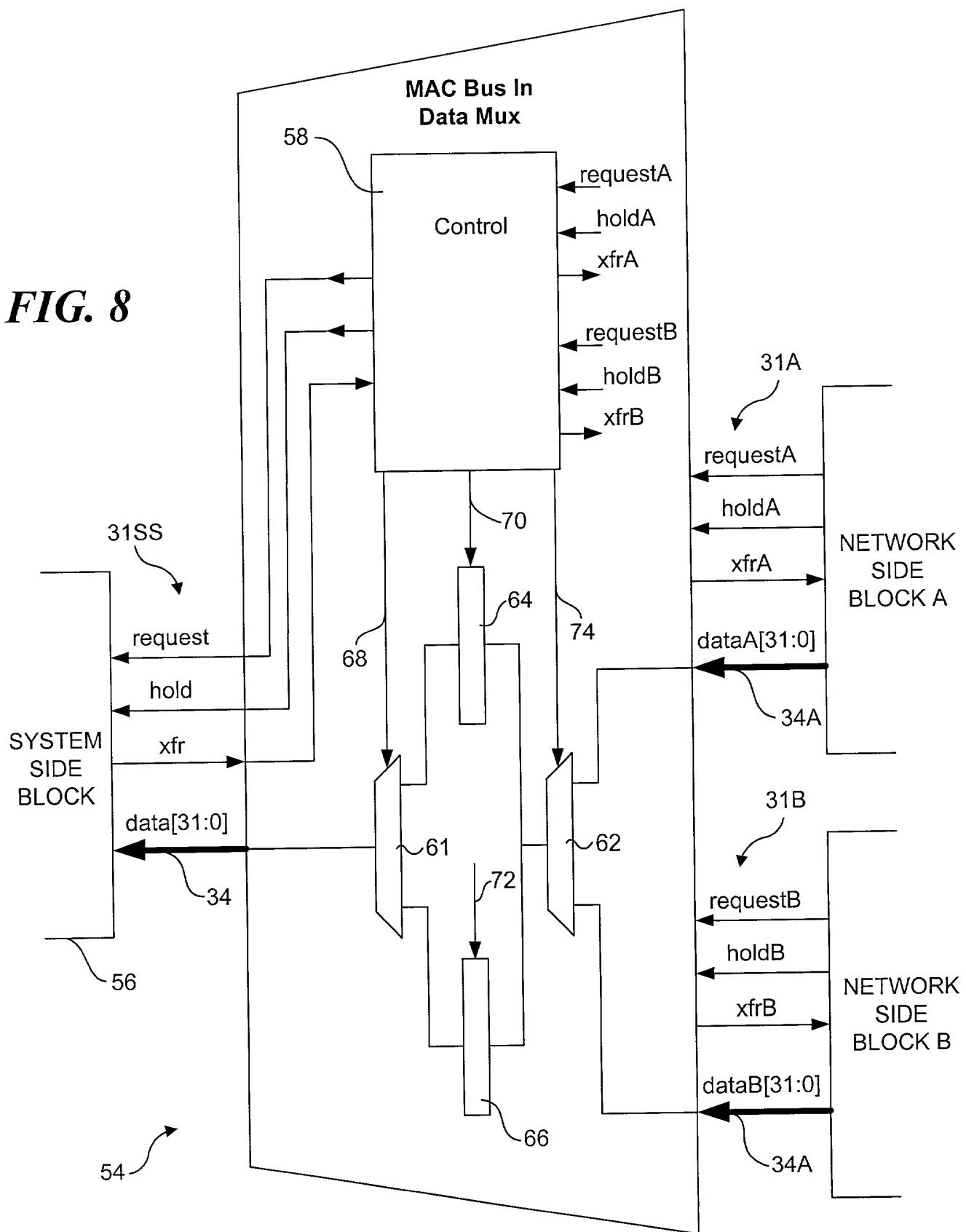
**FIG. 6**

**REQUEST MESSAGE WORD**

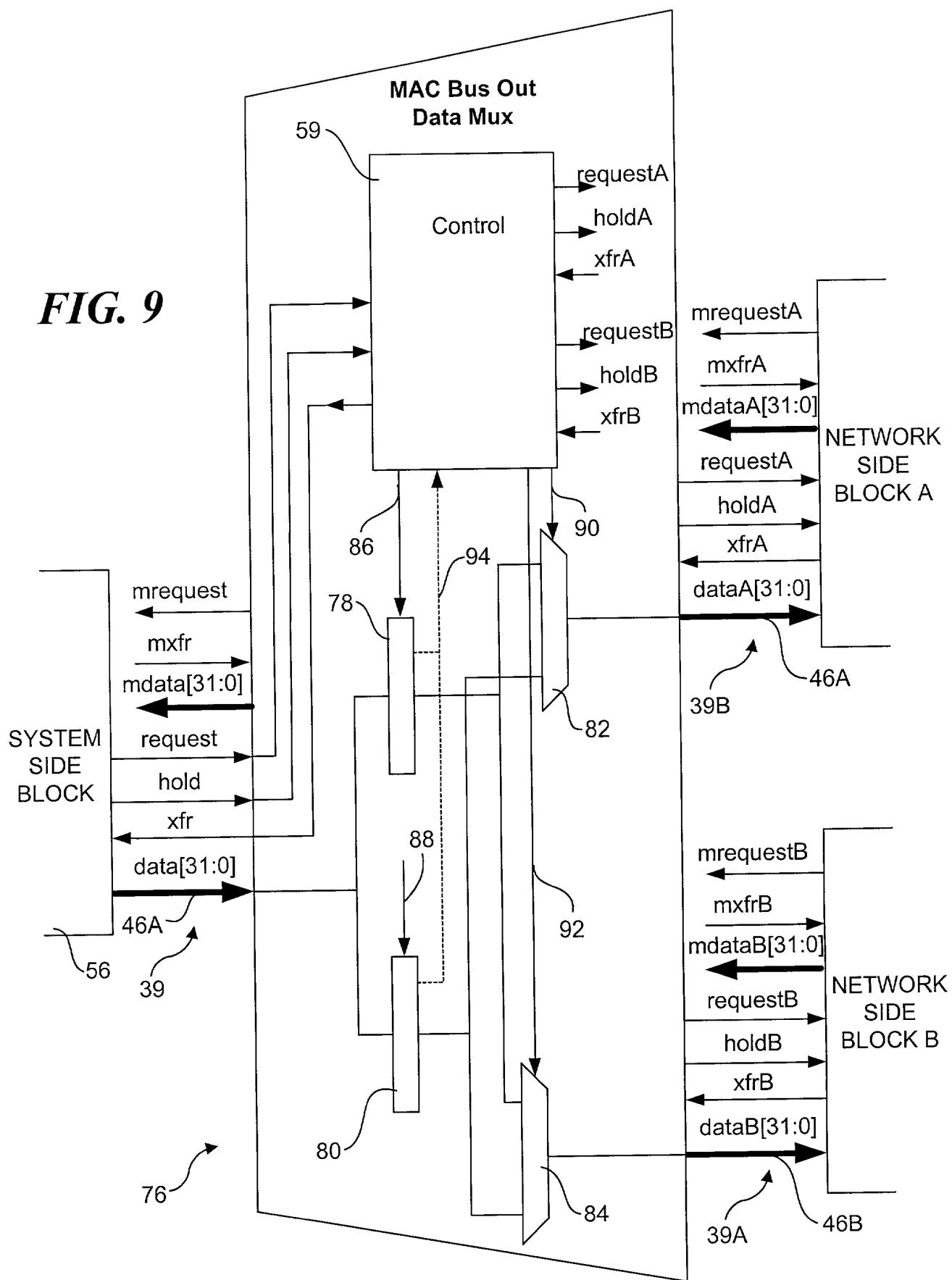


**FIG. 7**

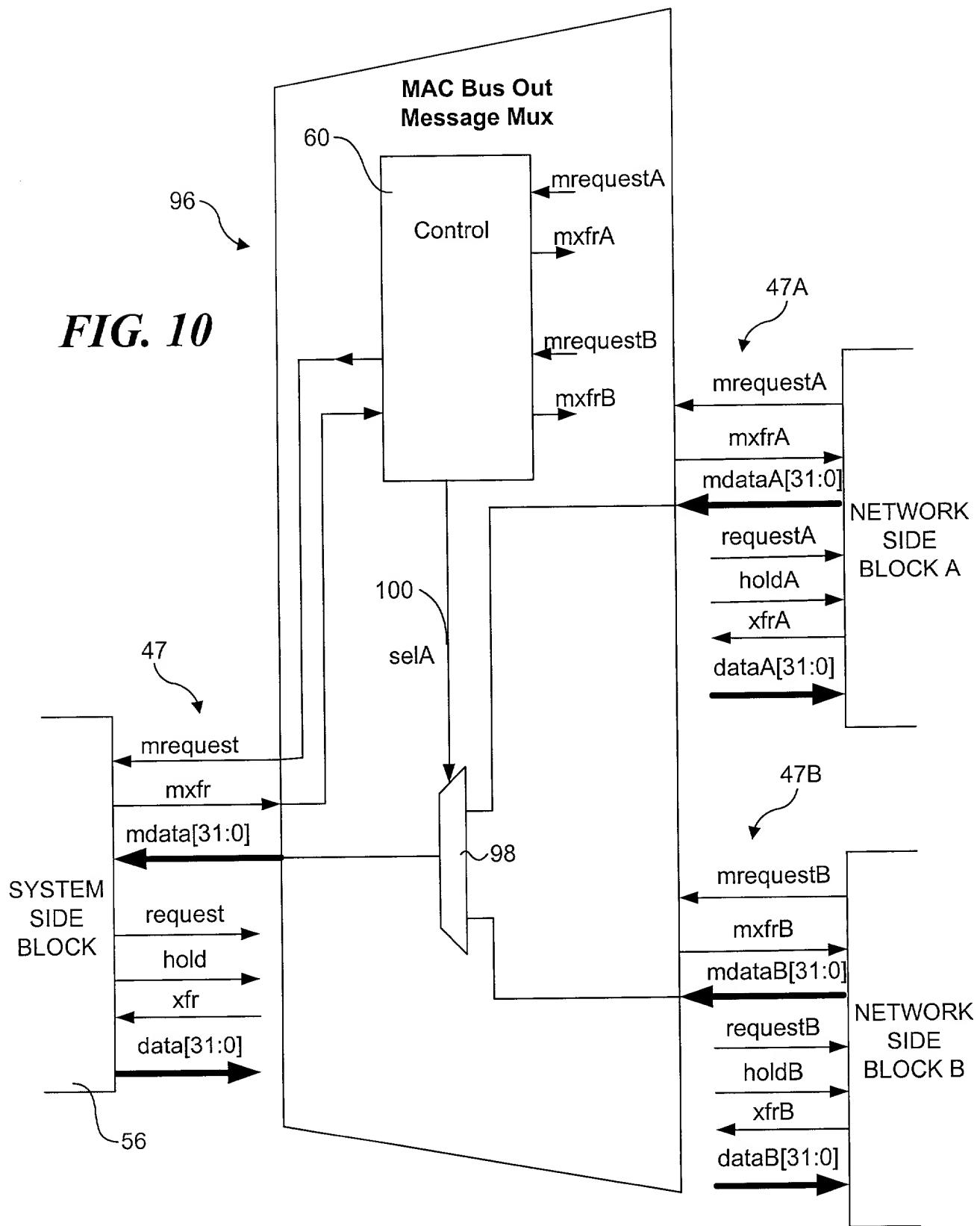
**FIG. 8**



**FIG. 9**

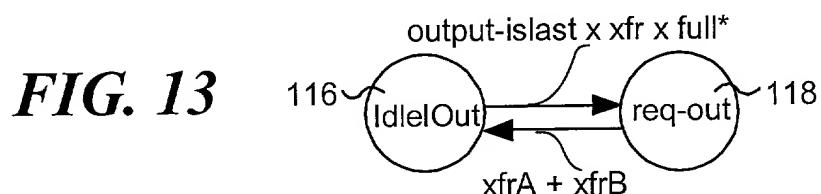
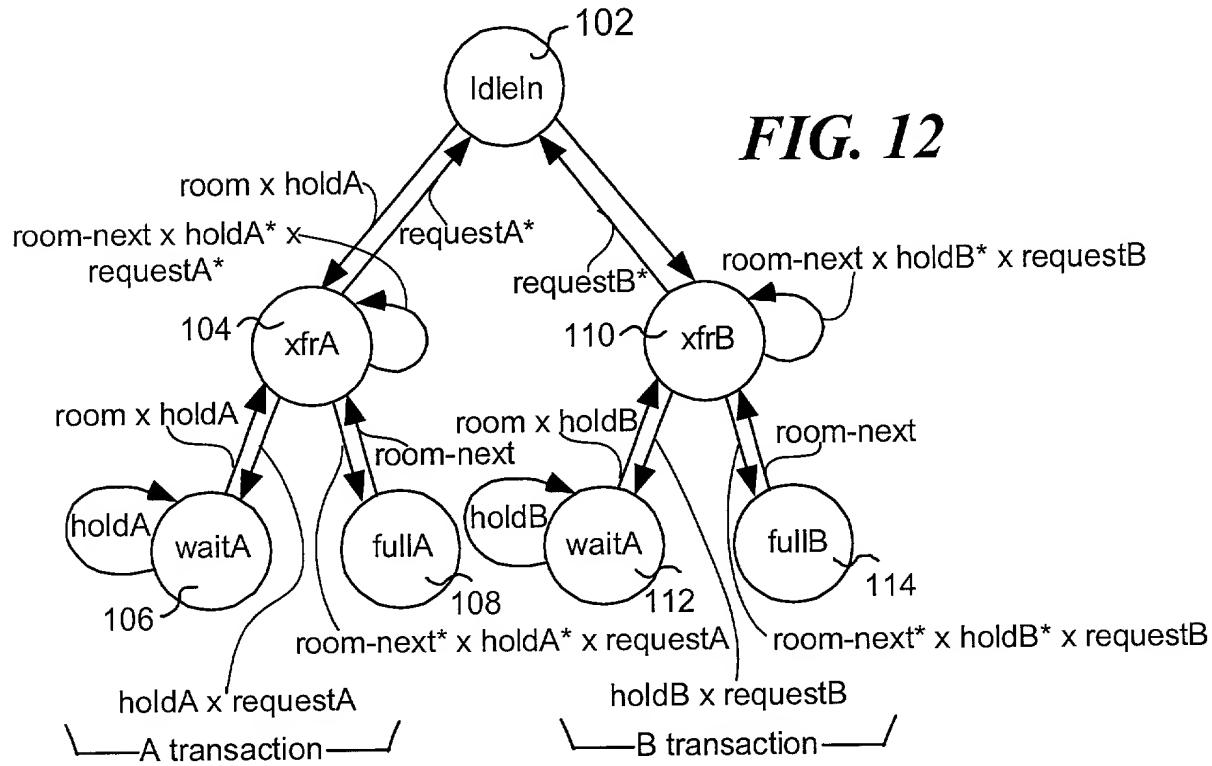


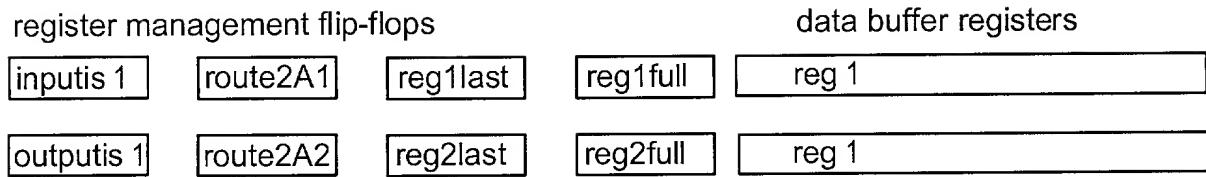
**FIG. 10**



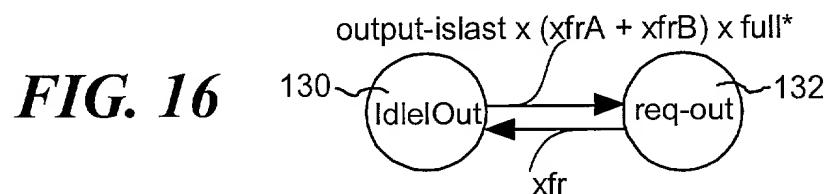
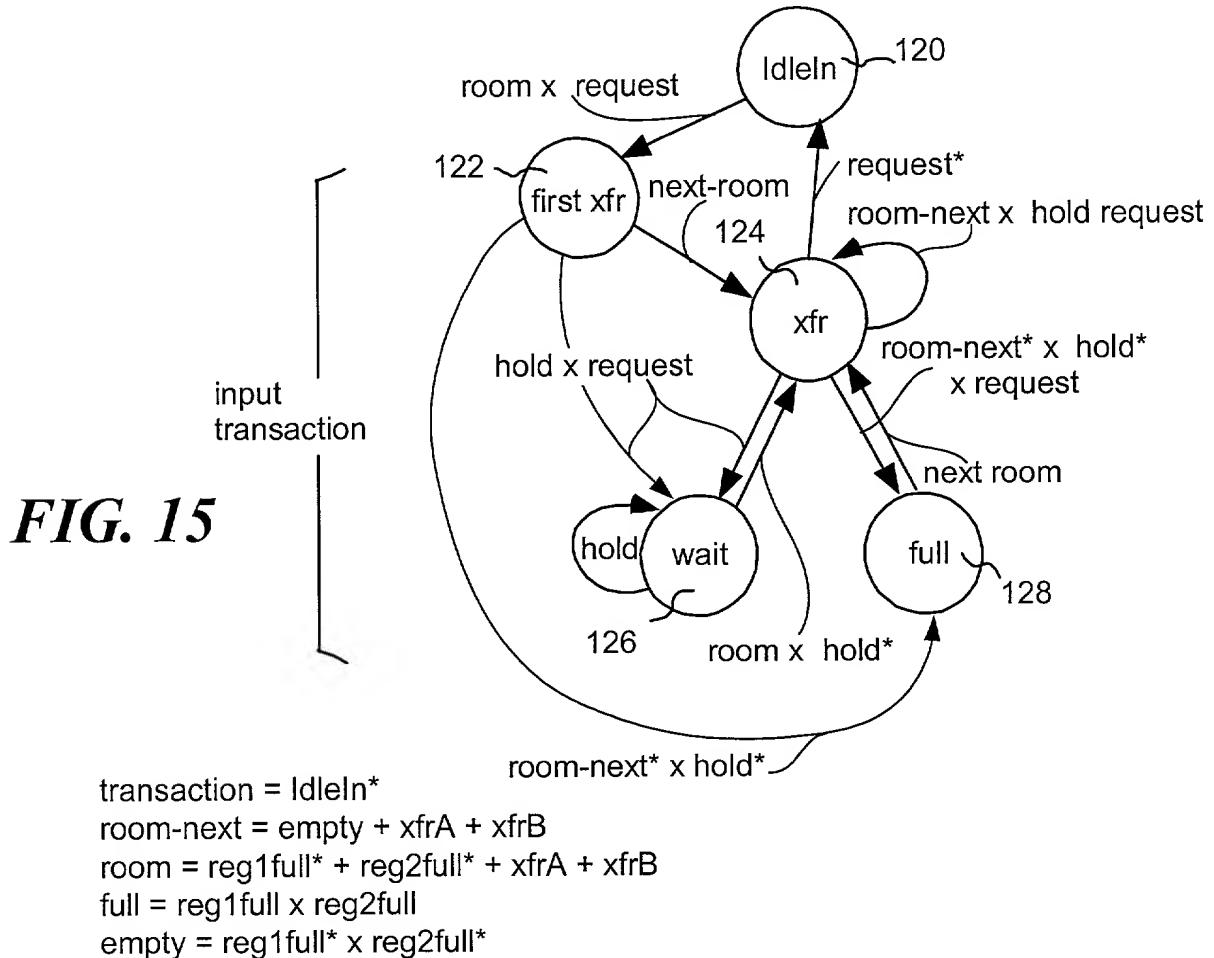


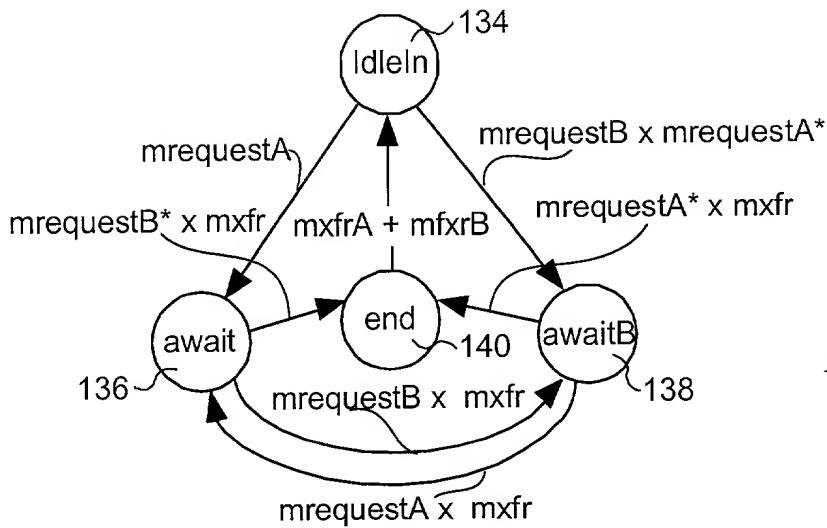
**FIG. 11**





**FIG. 14**





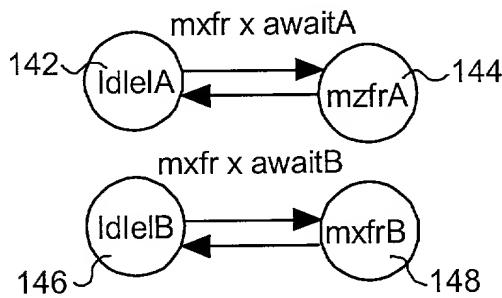
**FIG. 17**

Message transfers are one word long

merquest = awaitA = awaitB

selA = awaitA

mxfr machines for A and B network side input port



**FIG. 18**

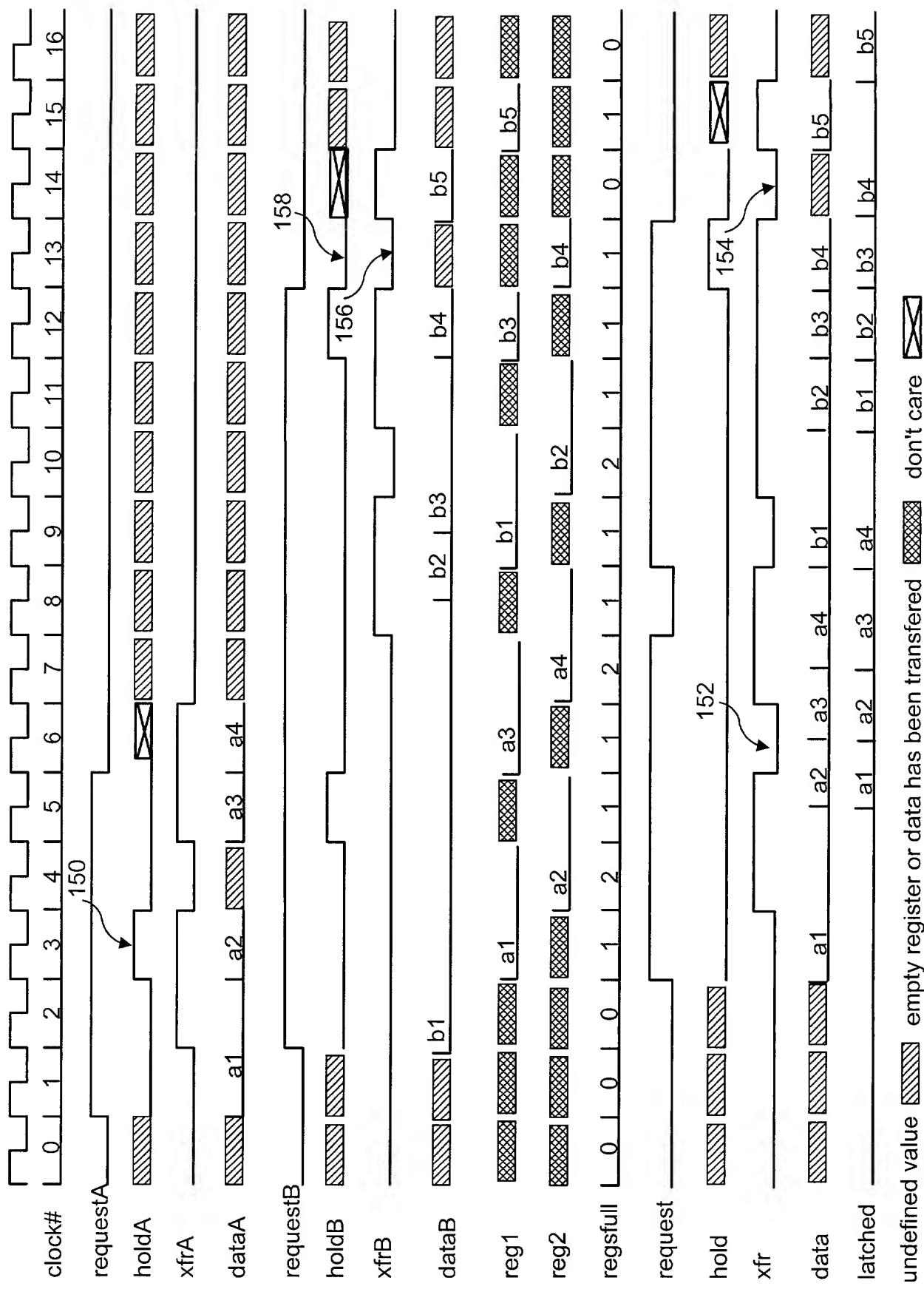


FIG. 19

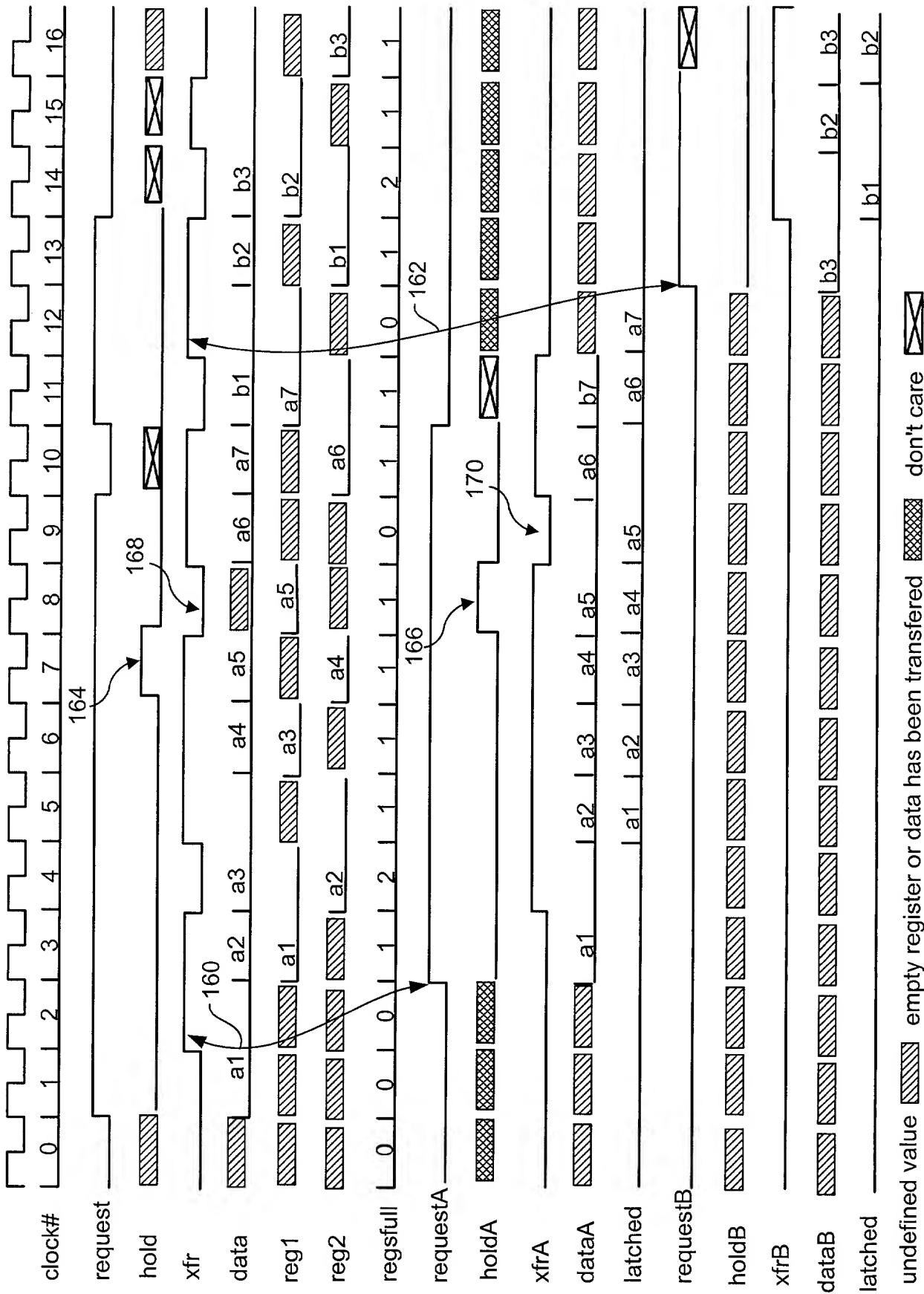
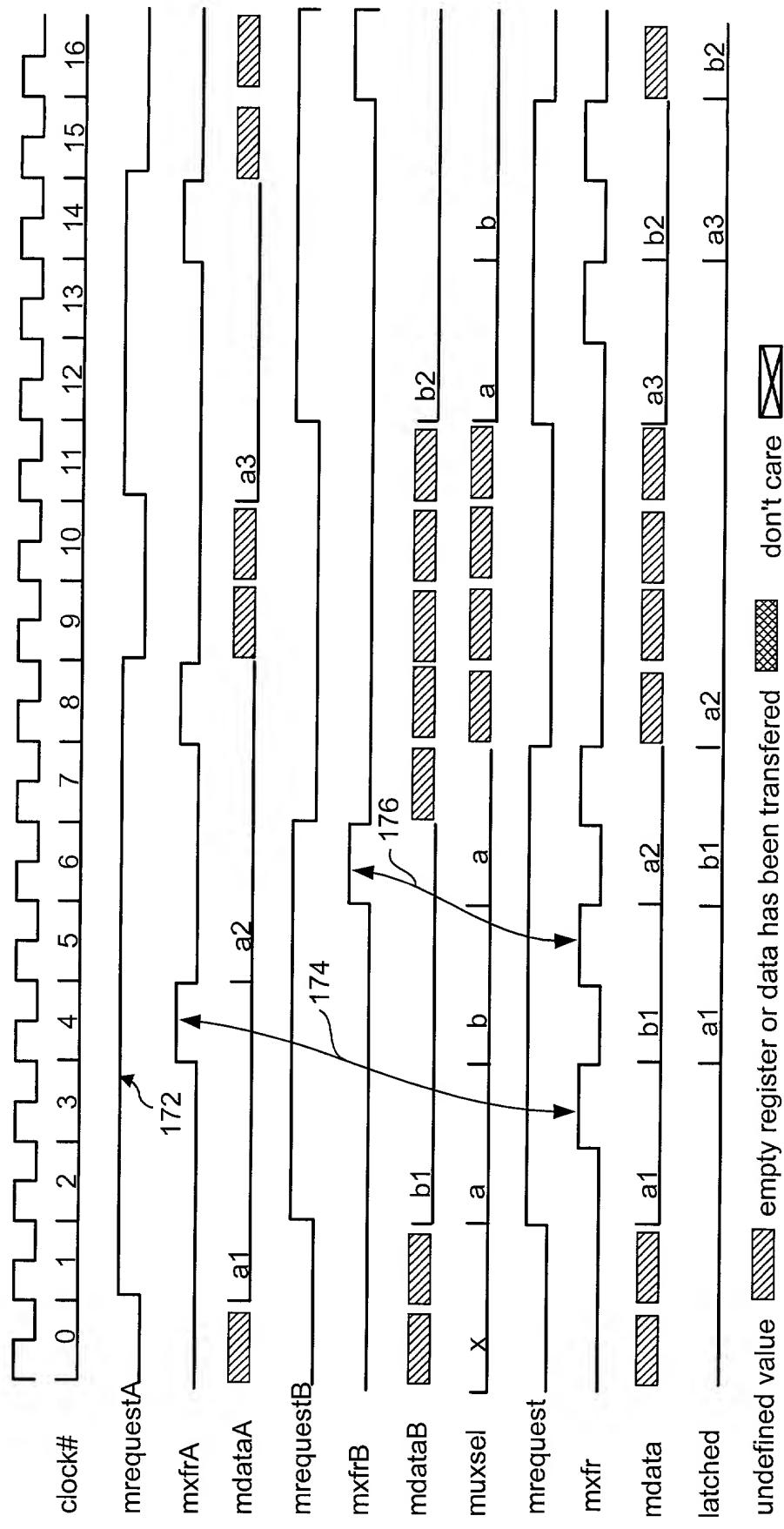


FIG. 20

undefined value    empty register or data has been transferred    don't care



**FIG. 21**